

Title (en)
BATTERY MODULE

Title (de)
BATTERIEMODUL

Title (fr)
MODULE DE BATTERIE

Publication
EP 4358250 A1 20240424 (EN)

Application
EP 23201235 A 20231002

Priority
JP 2022168088 A 20221020

Abstract (en)
A plate-shaped member (100, 200) includes a flat surface portion (150, 230), a flange portion (140, 220), and a transition portion (160, 240), the flange portion (140, 220) being provided at an end portion of the plate-shaped member (100, 200), the flange portion (140, 220) protruding from the flat surface portion (150, 230) in the first direction, the transition portion (160, 240) continuously transitioning from the flat surface portion (150, 230) to the flange portion (140, 220). The flat surface portion (150, 230), the transition portion (160, 240), and the flange portion (140, 220) are provided to be arranged side by side in the second direction.

IPC 8 full level
H01M 50/209 (2021.01); **H01M 50/264** (2021.01)

CPC (source: EP KR US)
H01M 10/0468 (2013.01 - KR); **H01M 50/209** (2021.01 - EP KR US); **H01M 50/264** (2021.01 - EP KR US); **Y02E 60/10** (2013.01 - EP KR)

Citation (applicant)
• JP 2015099648 A 20150528 - HONDA MOTOR CO LTD
• JP 2015069811 A 20150413 - GS YUASA CORP

Citation (search report)
• [X1] WO 2021199493 A1 20211007 - SANYO ELECTRIC CO [JP]
• [X1] EP 2362463 A2 20110831 - SANYO ELECTRIC CO [JP]
• [X1] US 2012141855 A1 20120607 - OKADA WATARU [JP], et al
• [X1] WO 2022213728 A1 20221013 - CONTEMPORARY AMPEREX TECHNOLOGY CO LTD [CN]
• [X1] EP 4050713 A1 20220831 - SANYO ELECTRIC CO [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4358250 A1 20240424; CN 117917803 A 20240423; JP 2024060677 A 20240507; KR 20240055670 A 20240429;
US 2024136636 A1 20240425

DOCDB simple family (application)
EP 23201235 A 20231002; CN 202311351101 A 20231018; JP 2022168088 A 20221020; KR 20230138533 A 20231017;
US 202318489798 A 20231017